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| L32 and (databases! or data with bases!) | 15 |

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| <u>L35</u> | L32 and (databases! or data with bases!) | 15 | <u>L35</u> |
| <u>L34</u> | L33 and printer | 16 | <u>L34</u> |
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| <u>L32</u> | l18 and advertis\$ near2 (layout or format) | 50 | <u>L32</u> |
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| <u>L25</u> | 5842185.pn. | 1 | <u>L25</u> |
| <u>L24</u> | 5852434.pn. | 1 | <u>L24</u> |
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| <u>L22</u> | L21 and printer | 493 | <u>L22</u> |
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| <u>L19</u> | L18 and advertis\$ near layout | 12 | <u>L19</u> |
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| <u>L17</u> | L14 and (newspaper or magazine or phamplet or booklet) near2 (layout or format) | 1 | <u>L17</u> |
| <u>L16</u> | L15 and (newspaper or magazine or phamplet or booklet) near2 (layout or format) | 0 | <u>L16</u> |
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| <u>L12</u> | 3697693.pn. | 1 | <u>L12</u> |
| <u>L11</u> | 5737729.pn. | 2 | <u>L11</u> |
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| <u>L5</u> | (5133075 4866700 4575579 5355480 5285272 5283639 4307446 4823122 4815030 4288809 4476488 4488179 4987486 5319707 5077607 5339239 5404505 4224644 4429385 5305195 5231493 5579537 5357276 5220420 5099319 4975904 4751578 4975905 4536791 5498003 5230048 5200823 4381522 5557721 5537586 3848193 3987398 5583563 4186413 5105184 4868866 5511160 5187787 5261042 5343300 4829569 4821102 5345594 5440262 4775935 4347498 5301028 4305101 4691351 4991011 5617565 4691354 4908707 4287592 4405946 5515098 5151789 4701794 5577266 4974149 5053889 4338644 4873662 5220657 4677466 5075771 5347632 5283731 5471629 5600366 4641205 5001554 4706121 4890321 5058108 5008853 5528490 4768110 4751669 4170782 4908713 4977455 5337155 4994908 5182640)! [PN] | 177 | <u>L5</u> |
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| <u>L3</u> | ("5740549".pn.) | 2 | <u>L3</u> |
| <u>L2</u> | (09/906811) and pensak | 3 | <u>L2</u> |
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L3: Entry 1 of 2

File: USPT

Apr 14, 1998

US-PAT-NO: 5740549

DOCUMENT-IDENTIFIER: US 5740549 A

**** See image for Certificate of Correction ****

TITLE: Information and advertising distribution system and method

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------------|-------|----------|---------|
| Reilly; James P. | San Francisco | CA | | |
| Hassett; Gregory P. | Cupertino | CA | | |

ASSIGNEE-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY | TYPE CODE |
|-----------------|-----------|-------|----------|---------|-----------|
| PointCast, Inc. | Sunnyvale | CA | | | 02 |

APPL-NO: 08/ 489591 [PALM]

DATE FILED: June 12, 1995

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/14

US-CL-CURRENT: 705/14

FIELD-OF-SEARCH: 395/214, 395/200.09, 395/200.11, 395/200.15, 395/602, 395/604, 705/1, 705/14

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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| | PAT-NO | ISSUE-DATE | PATENTEE-NAME | US-CL |
|--------------------------|----------------|----------------|------------------|----------|
| <input type="checkbox"/> | <u>3848193</u> | November 1974 | Martin et al. | 325/53 |
| <input type="checkbox"/> | <u>3987398</u> | October 1976 | Fung | 325/309 |
| <input type="checkbox"/> | <u>4170782</u> | October 1979 | Miller | 358/84 |
| <input type="checkbox"/> | <u>4186413</u> | January 1980 | Mortimer | 358/146 |
| <input type="checkbox"/> | <u>4224644</u> | September 1980 | Lewis et al. | 360/72.2 |
| <input type="checkbox"/> | <u>4287592</u> | September 1981 | Paulish et al. | 370/88 |
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| <input type="checkbox"/> | <u>4405946</u> | September 1983 | Knight | 358/192.1 |
| <input type="checkbox"/> | <u>4429385</u> | January 1984 | Cichelli et al. | 370/92 |
| <input type="checkbox"/> | <u>4476488</u> | October 1984 | Merrell | 358/86 |
| <input type="checkbox"/> | <u>4488179</u> | December 1984 | Kruger et al. | 358/181 |
| <input type="checkbox"/> | <u>4536791</u> | August 1985 | Campbell et al. | 358/122 |
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| <input type="checkbox"/> | <u>4641205</u> | February 1987 | Beyers, Jr. | 360/33.1 |
| <input type="checkbox"/> | <u>4677466</u> | June 1987 | Lert, Jr. et al. | 358/84 |
| <input type="checkbox"/> | <u>4691351</u> | September 1987 | Hayashi et al. | 380/10 |
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Augenbraun et al.

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ABSTRACT:

In summary, the present invention is an information and advertising distribution system. A data server stores and updates a database of information items and advertisements. The information items and advertisements are each categorized so that each has an associated information category. Workstations remotely located from the data server each include a display device, a communication interface for receiving at least a subset of the information items and advertisements in the data server's database and local memory for storing the information items and advertisements received from the data server. An information administrator in each workstation establishes communication with the data server from time to time so as to update the information items and advertisements stored in local memory with at least a subset of the information items and advertisements stored by the data server. An information display controller in each workstation displays on the workstation's display device at least a subset of the information items and advertisements stored in local memory when the workstation meets predefined idleness criteria. At least a subset of the workstations include a profiler for storing subscriber profile data. The subscriber profile data represents subscriber information viewing preferences, indicating information categories for which the subscriber does and does not want to view information items. The information display controller includes a filter for excluding from the information items displayed on the display device those information items inconsistent with the subscriber profile data.

20 Claims, 13 Drawing figures

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